



Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14414-024001	Application No. 10/757,375
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant <b>Diyun Huang</b>	
		Filing Date <b>January 14, 2004</b>	Group Art Unit <b>1626</b>

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>DL</i>	AA	4,028,702	06/07/77	Levine			
	AB	4,258,386	03/24/81	Cheung			
	AC	5,041,516	08/20/91	Fréchet et al.			
	AD	5,051,754	09/24/91	Newberg			
	AE	5,198,513	03/30/93	Clement et al.			
	AF	5,207,952	05/04/93	Griffin, III			
	AG	5,223,356	06/29/93	Kumar et al.			
	AH	5,266,365	11/30/93	Kester et al.			
	AI	5,353,033	10/04/94	Newberg et al.			
	AJ	5,359,008	10/25/94	Amano et al.			
	AK	5,433,895	07/18/95	Jeng et al.			
	AL	5,520,968	05/28/96	Wynne et al.			
	AM	5,635,576	06/03/97	Foll et al.			
	AN	5,670,091	09/23/97	Marder et al.			
	AO	5,679,763	10/21/97	Jen et al.			
	AP	5,696,243	12/09/97	Beckmann et al.			
	AQ	5,714,304	02/03/98	Gibbons et al.			
	AR	5,776,374	07/07/98	Newsham et al.			
	AS	5,783,649	07/21/98	Beckmann et al.			
	AT	5,811,507	09/22/98	Chan et al.			
	AU	5,861,976	01/19/99	Hockstra			
	AV	6,067,186	05/23/00	Dalton et al.			
	AW	6,090,332	07/18/00	Marder et al.			
	AX	6,126,867	10/03/00	Kanitz et al.			
	AY	6,130,339	10/10/00	Tan et al.			
	AZ	6,197,921	03/06/01	Tan et al.			
<i>✓</i>	AAA	6,228,977	05/08/01	Kanitz et al.			

Examiner Signature <i>D. Lambden</i>	Date Considered <i>5/4/06</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>DL</i>	ABB	6,294,573	09/25/01	Curtin et al.			
	ACC	6,716,995	04/06/04	Huang et al.			
	ADD	2003/0107027	06/12/03	Huang et al.			

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>DL</i>	AEE	WO 02/14305	02/21/02	WIPO				X
	AFF	44 01 911	08/03/95	DE			Abst.	
	AGG	44 16 476	11/16/95	DE			Abst.	
	AHH	195 32 828	03/21/96	DE			Abst.	
	AII	0 414 185	02/27/91	EP				X
	AJJ	0 637 774	02/08/95	EP				X
	AKK	0 729 056	08/28/96	EP				X
	ALL	0 754 709	07/03/96	EP			Abst.	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>DL</i>	AMM	Bosman et al., "About Dendrimers: Structure, Physical Properties, and Applications," <u>Chem. Rev.</u> 1999, 99:1665-1688
	ANN	Chen et al., "Thermosetting Polyurethanes with Stable and Large Second-Order Optical Nonlinearity," <u>Macromolecules</u> , 1992, 25:4032-4035
	AOO	Gorman and Marder, "An investigation of the interrelationships between linear and nonlinear polarizabilities and bond-length alternation in conjugated organic molecules," <u>Proc. Natl. Acad. Sci. USA</u> , 1993, 90:11297-11301
	APP	Kim et al., "Nonlinear optical chromophores containing dithienothiophene as a new type of electron relay," <u>J. Mater. Chem.</u> , 1999, 9:2227-2232
	AQQ	Kojima et al., "Facile Synthesis of Thiophene Derivatives Using a Cyclopropenyl Cation," <u>Synthesis</u> , 1996, 1193-1195
	ARR	Landmesser et al., "Regiocontrolled C-8 Acylation of Castanospermine," <u>Syn. Comm.</u> 1996, 26(11):2213-2221
	ASS	Ma et al., "A Convenient Modular Approach of Functionalizing Aromatic Polyquinolines for Electrooptic Devices," <u>Chem. Mater.</u> , 1999, 11:2218-2225
	ATT	Ma et al., "A Novel Class of High-Performance Perfluorocyclobutane-Containing Polymers for Second-Order Nonlinear Optics," <u>Chem. Mater.</u> , 2000, 12:1187-1189

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<i>DM</i>	AUU	Ma et al., "Highly Efficient and Thermally Stable Nonlinear Optical Dendrimer for Electrooptics," <u>J. Am Chem. Soc.</u> , 2001, 123:986-987
	AVV	Mao et al., "Progress toward Device-Quality Second-Order Nonlinear Optical Materials. 1. Influence of Composition and Processing Conditions on Nonlinearity, Temporal Stability, and Optical Loss," <u>Chem. Mater.</u> , 1998, 10:146-155
	AWW	March, "Classification of Reactions by Type of Compound Synthesized," <u>Advanced Organic Chemistry</u> , 4th Edition, John Wiley and Sons, New York, Appendix B, pp. 1269-1300
	AXX	Raimundo et al., "Push-pull chromophores based on 2,2'-bi(3,4-ethylenedioxythiophene) (BEDOT) $\pi$ -conjugating spacer," <u>Tetrahedron Letters</u> , 2001, 42:1507-1510
	AYY	Reinhardt et al., "Highly Active Two-Photon Dyes: Design, Synthesis, and Characterization toward Application," <u>Chem. Mater.</u> , 1998, 10:1863-1874
	AZZ	Smith, Jr. and Babb, "Perfluorocyclobutane Aromatic Polyethers. Synthesis and Characterization of New Siloxane-Containing Fluoropolymers," <u>Macromolecules</u> 1996, 29:852-860
<i>✓</i>	AAAA	Umemoto, "Electrophilic Perfluoroalkylating Agents," <u>Chem. Rev.</u> , 1996, 96:1757-1777

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